## MINE SITE VISIT REPORT New Mexico AML Program

**Date of Visit:** December 6, 2007 **Weather:** Cloudy 45°

Mine/Project Name: Beacon Hill Mine – Northwest of Grants, New Mexico

**Duration of Visit:** 0.5 hour (11:50 am to 12:20 pm)

Purpose of Visit: Maintenance inspection to the Beacon Hill mine, part of the legacy site

assessment for AML project sites.

<u>Observations:</u> Travel to the project site; access to this site was from the north using a two track road. Location: SW1/4, SW1/4, NW1/4 of Sec.20 T.13N., R9W., Dos Lomas Quad. UTM Zone 13,

E243380 N3914480; Uranium Mine. This site is on BLM land.

Signs of human activity were recent tracks along the two track access road. Vegetation is similar to undisturbed areas except waste piles that have less vegetation. Land use appears to be limited grazing for cattle but not recently. Previous reclamation is not obvious. Total site area is approximately 2 acres. The nearest residence appears to be almost 2-miles away in the northeast direction.

Background radiometric levels of 17  $\mu$ R/hr at 1-meter and surface, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 269-286  $\mu$ R/hr at 1-meter and 286-457  $\mu$ R/hr at ground level. There was waste found outside the site proper that had radiometric levels of 429  $\mu$ R/hr at 1-meter and 1257  $\mu$ R/hr at ground level.

This site has areas of mounded waste, metal mining debris, assorted trash and some pottery shards. There is a drainage running along the east side of this site. For complete details see topographic GPS info using the MapGuide map found at <a href="http://164.64.103.6/mmdtest/AML">http://164.64.103.6/mmdtest/AML</a> Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. Scattered drill holes need to be closed.

Name: James R. Smith Title: Reclamation Designer

MSV Written: December 11, 2007 – for files, CC: John Kretzmann, Karen Garcia and files.

## **Photos:**



Waste Piles Looking Northeast



High Radiometric Level Waste Pile Looking Southwest



**Collapsed Head Frame Looking South** 



## AML Survey Marker Looking Down